About this manual
This manual is for Bontrager lights Ion 350R and Ion 350RT.
The RT version allows wireless control when paired with the Bontrager Transmitr system. Please read this entire manual. Check for updates at bontrager.com

IMPORTANT: Check your local lighting laws. Flashing Lights and full brightness may not be allowed in all locations. Ion 350 R/RT do not conform to the German road traffic regulation StVZO.

For more information
If you need help not offered by this manual, talk to your Bontrager retailer or visit bontrager.com

List of parts
Light (with battery enclosed)
“To see” LED light source provides a bright light up to 350 lumens in a focused 15-degree beam pattern to illuminate the road ahead.

“To be seen” light sources at the sides of the light provide 270-degree visibility.
The permanently enclosed Lithium-ion (Li-ion) battery is a high-performance rechargeable 1450 mAh cell.

Quick connect mounting bracket (PN W527765)
Quick connect fits any size of round handlebar, 22.2mm to 35mm.
The mount may be turned 90 degrees for attaching to the stem.

Charger cable (PN W527765)
Micro USB cable can be plugged into a computer or wall adapter (adapter not included).

Accessories
This light is compatible with all Bontrager lights. Please see your Bontrager retailer for details.

Bontrager helmet mount (PN 428462)
A strap mount that easily attaches a Bontrager Ion or Flare light to most helmets.

Bontrager Lithos helmet Blendr accessory mount (PN 515835)
A Blendr mount that integrates the Bontrager Lithos helmet.

Bontrager Ion handlebar mount (PN W530421)
A hinged clamp that securely attaches an Ion light to the handlebar. Fits 22.2–31.8mm handlebars.

Bontrager Sync handlebar bracket (PN 418921)
An adjustable rubber mount that fits 22.2–35mm handlebars or seatpost.

Bontrager Blendr accessories
An attachment system designed as a feature of Bontrager Blendr stems that fits a variety of accessories. Please see your Bontrager retailer for details.

To change mode
1. Quick-press the power button. Each press moves to the next mode (see table below).

Modes of the Ion 350
<table>
<thead>
<tr>
<th>Mode</th>
<th>Lumen Output (peak)</th>
<th>Runtime (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>350</td>
<td>1.5</td>
</tr>
<tr>
<td>Medium</td>
<td>200</td>
<td>3</td>
</tr>
<tr>
<td>Low</td>
<td>100</td>
<td>6</td>
</tr>
<tr>
<td>Night Flash</td>
<td>50 steady with 150 flash</td>
<td>8</td>
</tr>
<tr>
<td>Day Flash</td>
<td>300 day pattern</td>
<td>10</td>
</tr>
</tbody>
</table>

Low Battery
Low Battery protection automatically adjusts the output brightness to 50 lumens when the battery supply goes below 5% and extends the light output for an additional 20 – 30 minutes.

High Beam
enables full brightness when paired with Transmitr Remote and center button on remote is pressed. Pressing the center button again will return light to previous mode.

Ion 350 RT only - The high beam feature can be used only when paired to a Transmitr Remote. Trail Configuration enables the Ion 350 R to toggle between 350 and 200 lumen steady modes. To enable and disable press and hold the power button for 10 seconds with the light off. The main LED will flash once indicating trail configuration has been enabled/disabled.

Installing the light
Before first use, charge the battery.
1. Place the Quick connect on the handlebar with the strap in front.
2. Stretch the strap under the bar and connect to the hook.
3. From the front, slide the light onto the bracket until the light engages.

Removing the light
To remove the light, press down on the tab and slide the light forward.

Operating the light
Power button
To turn on, press the power button.
When turned on, the Ion 350 will be in the output mode last used before turning off.
To turn off, press and hold the power button. The power button LED tells the percent of battery charge that remains.

Charging the battery
Although the Ion 350R/RT is fully charged at the factory, it is recommended to charge it before first use. Complete charging takes approximately 4 hours from empty.
1. Plug the Micro charger cable into the USB port on the light.
2. Plug the cable into a computer or wall adapter.

Status indicator while charging
While charging, the status indicator will flash:
Red: Actively charging
Green: Charging complete
NOTE: As the battery progresses from zero charge to full charge, the duration of the flashes will get progressively longer.
The power button LED indicates the battery charging status.

CAUTION
The light may be hot to touch.
To exit pairing
1. When all lights are paired, quick-press the center button on the remote. The button will stop flashing and turn off.

To verify pairing
1. Quick-press the center button on the remote to turn on all paired lights.
2. Press-and-hold the center button to turn off all of them.
3. Turn on each light individually. Quick-press each paired button on the remote to turn on the individual light(s).
4. Press-and-hold the same button to turn off the light.

Using the Transmitr Remote Controlling Lights with the Transmitr Remote
To turn on all lights
ON: Quick-press the center button.
OFF: Press and hold the center button.

To turn on an individual light
ON: Quick-press the corner button that controls the light.
OFF: Press and hold the same button.

To change modes of an individual light
Each quick-press of a button that controls a light will cycle through the modes.

Seeing Battery Power Status of the light on the Remote
When a corner button is pressed, the center button will show the battery status of the light

<table>
<thead>
<tr>
<th>Button light color</th>
<th>Power remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>More than 25%</td>
</tr>
<tr>
<td>Red</td>
<td>Between 5% and 25%</td>
</tr>
<tr>
<td>Blinking red</td>
<td>Less than 5%</td>
</tr>
</tbody>
</table>

Travelling with the battery
Li-ion batteries cannot be shipped by air due to an overheating hazard. When traveling by air, place the light in your carry-on.

Caring for the battery
Store the battery at room temperature in a dry place. Avoid moisture, or extreme hot or cold. Store the battery in the charged condition. Avoid ‘deep discharge.’ Battery life will decrease if the battery is stored in a fully discharged condition. Over time, the run time of the battery will diminish. Expect about 500 full charges, depending on care. After a full life, the battery will continue to charge but with a lower run time. When the run time is unsatisfactory, do not open the case of the light or incinerate; please recycle.

WARNING
A bicycle without correct lights and reflectors might be difficult for other people to see, and you might not be able to see. If you can not see, or other people can not see you, you could have an accident. Make sure your lights operate correctly and that batteries are charged.

Specifications
• Ion 350R and Ion 350RT: 3.7Vdc, 1450mAh, 5.5Wh
• Ion 350RT: Frequency-2.45GHz, Maximum RF Power-1mW

Industry Canada Compliance
Ion 350RT - CAN ICES-3(B)/NMB-3(B)
This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio. Exempts de licence. L’exploitation est autorisée aux deux conditions suivantes: (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

This Ion 350R/RT lighting equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. The radiated output power of the Ion 350RT Wireless Device is below the Industry Canada (IC) radio frequency exposure limits, when used as directed in this manual (Note: attaching this light to a helmet changes the absorption characteristics of the light-body system). This equipment is in direct contact with the body of the user under normal operating conditions. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter. Status of the listing in the Industry Canada’s REL (Radio Equipment List) can be found at the following web address:
Additional Canadian information on RF exposure also can be found at the following web address:

European Union Compliance
Ion 350R and Ion 350RT do not comply with German StVZO regulations!

Trek Bicycle Corporation and Bontrager hereby declare that the wireless device identified as ‘Ion 350RT’ and ‘Ion 350R’ are in compliance with the following European Directives:
• Radio Equipment Directive 2014/53/EU (Ion 350R only)
• EMC Directive 2014/30/EU
• Low Voltage Directive 2014/35/EU
• RoHS Directive 2011/65/EU

The full text of the EU declaration of conformity is available from your dealer, or at the following internet address:
http://www.bontrager.com/support

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